



# Capturing the Elusive Government Document Before it Disappears: **The Chesapeake Project**

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# Chesapeake Project

- ☀ Two-year pilot digital preservation program
  - Maryland State Law Library
  - Virginia State Law Library
  - Georgetown University Law Library
- ☀ Established to preserve and ensure permanent access to **born-digital** legal information
- ☀ Under the auspices of LIPA  
<http://www.aallnet.org/committee/lipa/>



# What we collect

- ✱ Reports and studies relating to U.S. government and policy
- ✱ Publications issued by Virginia's judicial branch of government
- ✱ Materials relating to public policy and legal issues in the state of Maryland

# Why elusive?

- ✱ Born digital publications disappear
- ✱ Added to web sites and then removed
- ✱ Hard to know what is added to a web site
- ✱ Hard to know what is deleted
- ✱ 404 errors-- “File not found”

# How bad...

- ✱ For example...three top journals in journalism and communication
- ✱ Some 416 online citations over four years
- ✱ Most 40% no longer available

Bugeja, Michael, and Daniela V. Dirnitrova. 2005. "The Half-Life Phenomenon: Eroding Citations in Journals." *Serials Librarian* 49, no. 3: 115-123. Academic Search Complete, EBSCOhost (accessed April 27, 2009).



# Our findings...

- ✱ First two years about 15% of links no longer worked
- ✱ Closer to 20% for Maryland state publications



# But our patrons expect

- ✱ Easy to access
- ✱ Searchability
- ✱ Availability

# Not always this way...

## ★ Old Model--Depository Programs

- ★ Centralized system
- ★ Agency's own print shop
- ★ Expensive--printed only the best
- ★ Kept copies
- ★ Sent copies to “depository” libraries
- ★ Hard copy on library shelf, stayed there



# Enter the web...

- ✱ Decentralized model
- ✱ Easy to “publish” to the web
- ✱ Impossible to know when something is available online
- ✱ Thousands of “web sites”
- ✱ Huge variety of file formats
  - ✱ PDF
  - ✱ HTML
  - ✱ PowerPoint
  - ✱ Word

# Libraries struggling with born-digital

## ☀ Preserving State Government Information initiative

National Digital Information Infrastructure and Preservation Program (NDIIPP) from Library of Congress  
<http://www.digitalpreservation.gov/partners/states.html>

- Focuses on capturing, preserving and providing access to a rich variety of state and local government digital information



## NDIIPP: Preserving State Government Information initiative Demo Projects

- ☀ **PeDALS** (Persistent, Digital Archives and Library System)
  - ☀ Arizona, Florida, New York, South Carolina, Wisconsin
- ☀ **Multi-state Preservation Partnership Project**
  - ☀ Washington, Idaho, Montana, Oregon, Alaska, Colorado, Louisiana, Indiana, North Carolina, Nevada

# Why we (Mary Jo & Katherine) care...

- ✱ It is our job as librarians to collect, preserve and provide access to the info our patrons need
- ✱ For MSLL, state publications, particularly task force reports are critical sources of legislative intent
- ✱ Each day we are asked for these reports, some over 50 years old
- ✱ No choice, they must be collected

# Reality check

- ✱ No desire to collect web sites
- ✱ No need to collect every publication
- ✱ Need to find the gold nuggets, the gems, the potentially critical publications



# Decisions, decisions ...

- ☀ What to Collect

- ☀ Issues of collection development policies

- ☀ Where to store the collection

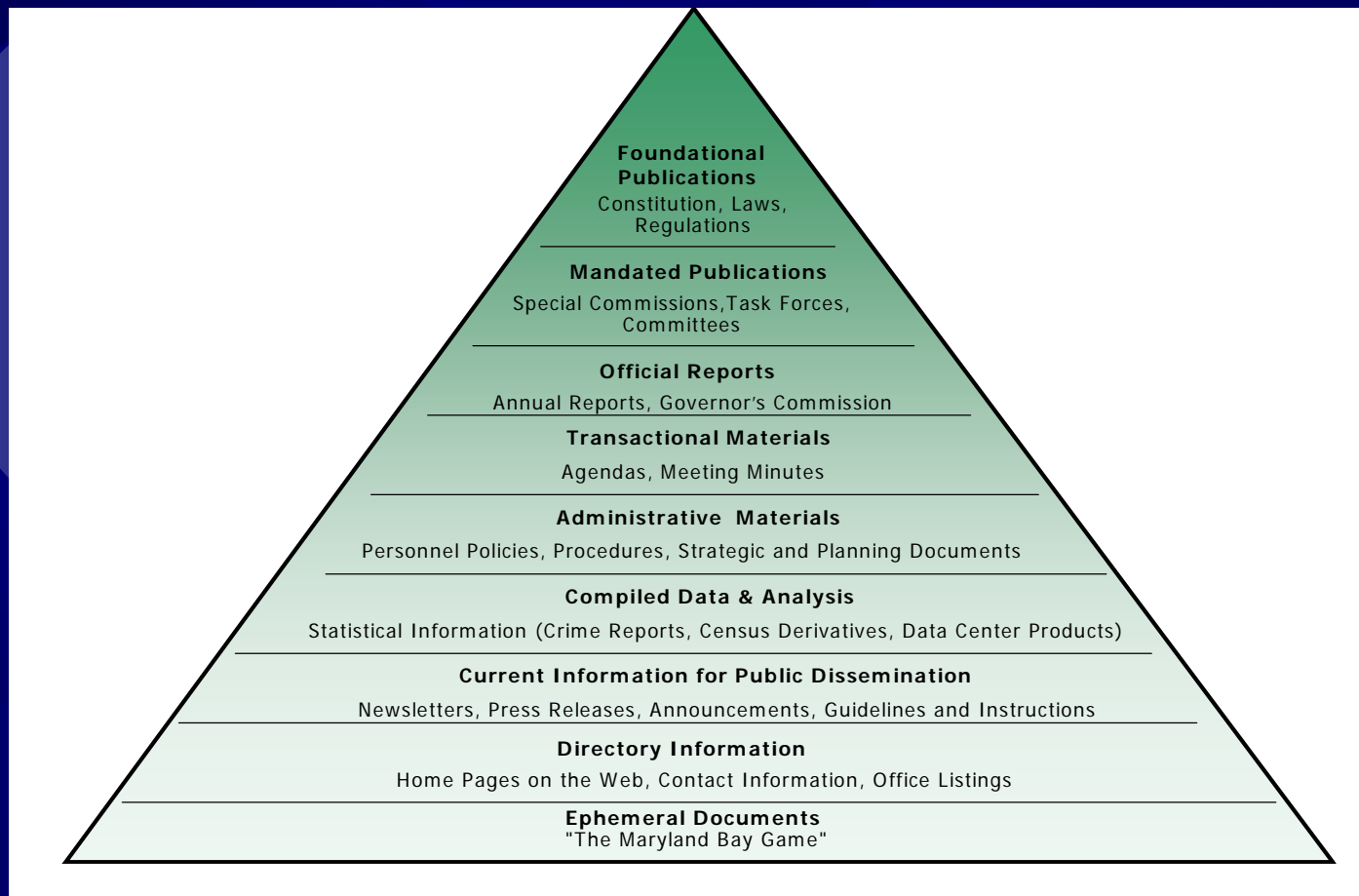
- ☀ Print v. Online

- ☀ How to Collect

- ☀ How do you find born-digital materials
- ☀ Harder than it seems

# What to collect

- ☀ Create or use existing collection development policy



# Where to store the collection?

- ✱ Make a copy
- ✱ Store the digital
- ✱ Do both?
- ✱ All require cataloging
  - MARC
  - Dublin Core
  - Homegrown
  - Community tagging

# Print the publication

## ☀ Printing

### ☀ What we know best but issues of:

- Paper
- Space
- Shelving
- Binding
- Time-consuming
- Good preservation choice if:
  - Good printer and good paper

# Online storage

- ☀ Server

- ☀ In-house or hosted

- ☀ Software

- ☀ Open source -Fedora, Dspace, Greenstone
- ☀ Commercial-ContentDM, PTFS, Olive
- ☀ Homegrown

- ☀ Requires less time to “shelve” but

- ☀ Preservation issues

- ☀ PDF, will it exist in 2040?



# How to collect

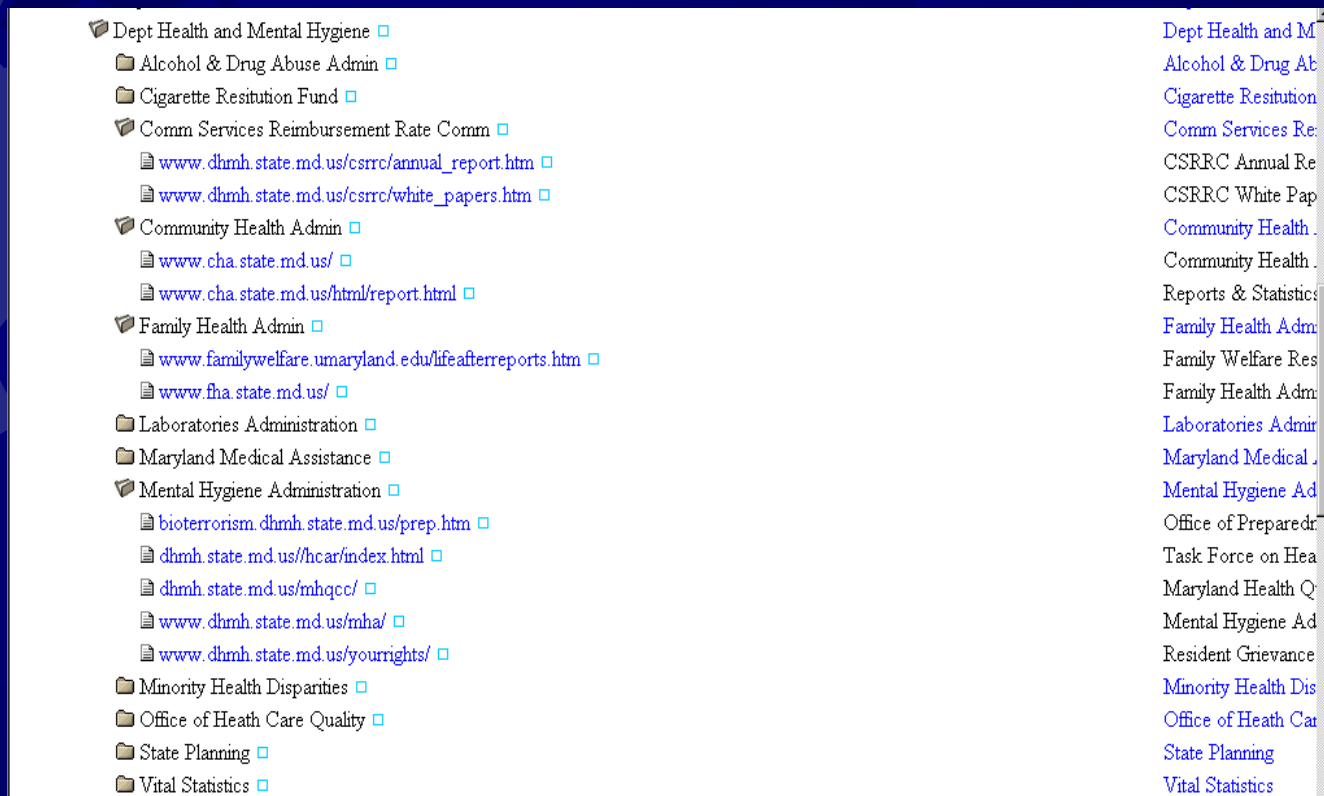
## ☀ Time commitment, proactive approach

- Watch that Page <http://www.watchthatpage.com/>

The screenshot shows the WatchThatPage.com website. At the top, there's a navigation bar with links: Home, Profile, Properties, Pages, Changes, and Logout. Below this, the user is logged in as 'Md Pubs'. There are buttons for '+ Add new channel', 'Edit name', 'Delete channel', and 'What is a channel?'. A message states: 'Here are the pages you are tracking via WatchThatPage. You can, at anytime, add or remove pages. When you are adding pages, there might be a small delay as we are downloading the initial page from the server.' Below this, there are input fields for 'Add page' and 'Add folder', both with 'Top level' selected in the folder dropdown. There are 'Add' buttons for each. A 'Your pages' section shows a list of folders: CONSTITUTIONAL OFFICES, DEPARTMENTS, GOV OFFICE, INDEPENDENT AGENCIES, JUDICARY, LEGISLATIVE, MUNICIPAL CODES, OTHER COMMUNITY & RESEARCH, and TASK FORCE & ADVISORY. Each folder has a small square icon next to it. On the right side, there's a sidebar with a yellow box titled 'Add pages while s' and a list of links: 'click to select/un', 'click to open/d', 'Page unreachable f', and 'Page not download'.

# “Watch That Page”

## ★ MD’s Dept of Health & Mental Hygiene



# Other Resources

- ★ Maryland Documents

[http://dls.state.md.us/side\\_pgs/library\\_info/library\\_new\\_md\\_publ.html](http://dls.state.md.us/side_pgs/library_info/library_new_md_publ.html)

- ★ The Maryland Clipper, News sources

- ★ Surf Agency Web sites

- Pages labeled “Reports”, “Publications”, “About us”

# Challenges

- ★ Technological “advancements”

- Format changes
- Migration
- System upgrades

- ★ When is enough, enough?

# Adding our collection to yours

- ☀ 934 OCLC Numbers (as of 5/11/09) available as an Excel spreadsheet to download at:

- ☀ <http://www.lawlib.state.md.us/collections/mdpubs.html>

- ☀ File will be updated quarterly




Maryland State Law Library - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.lawlib.state.md.us/

ArchivalWare Cataloging ContentDM Innovative Judiciary Printer Serial Solutions Stats Stuff Lexis Web MSLL Gmail Calendar Add WTP WebFeat

Maryland State Law Library



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**Maryland Law**

**Anglo-American Law**

**Task Force Reports**

**Maryland Publications**

**Digital Collections**

**Federal Documents**

**Special Collections**

**All**


State Law Library provides legal information to the State's appellate branches of State government and serves as a resource center for Circuit judges throughout the State. We are open to the public, and we encourage the use of our resources, including laws, general reference materials, state and federal court decisions, and state and local histories.

Set up special web pages customized for the needs of our wide variety of users:

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Updated: April 21, 2009

Legal Self Help from the Maryland's Peoples Law Library



Sponsored by the Maryland State Law Library

**Highlights**

**New Book List Available—April 2009**

**WiFi now available**  
The Maryland State Law Library offers free WiFi to library patrons. The network is secure and encrypted. To provide this level of security a password is required.

**Library Newsletter**  
The Md State Law Library's latest issue of its newsletter "Findings" is now available. Articles include: Historical Legal Materials Increasingly Online Pi.

feed.informer

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Maryland State Publications: Maryland State Law Library - Mozilla Firefox

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http://www.lawlib.state.md.us/collections/mdpubs.html

ArchivalWare Cataloging ContentDM Innovative Judiciary Printer Serial Solutions Stats Stuff Lexis Web MSLL Gmail Calendar Add WTP WebFeat

Maryland State Publications: Mary...



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Legal Self Help from the Maryland's Peoples Law Library



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## Maryland State Publications

Visitors to the State Law Library will find one of the finest and most comprehensive collections of Maryland government publications in the State. The collection ranges from 19th Century reports of the State Oyster Commission, housed in the Library's Special Collections Room, to the latest agency digital publications, retained in OCLC through the [Legal Information Preservation Alliance's "Chesapeake Project"](#).

By statute, the Library operates as a depository member of the State Publications Depository and Distribution Program. The Library built this unique selection of Maryland agency publications using a variety of innovative methods, including cooperative networking with area libraries and e-mail alerts of changes to state agency web pages. In order to make the Library's print collection more accessible to users, it devised many years ago an exclusive call number system, patterned after the one for Federal government documents. For the Library user, this means that it is easy to scan the shelves for similar material produced by the same agency.

Additionally, the Library possesses an historic assortment of secondary sources about Maryland. Highlights include: history books about Maryland counties and towns, accounts of Maryland historical events, genealogical data on Maryland families and the Baltimore Sun, Maryland Daily Record and the Annapolis Capital on microfilm. The Library continues to collect Maryland history, especially as it relates to law and government.

The Library believes that its repository of Maryland government publications and historical materials gives additional meaning and context to its law collections. The Library welcomes researchers from all walks of life to explore the distinctiveness of these special resources.

**Key Resources:**

[Extensive collection of Maryland Task Force Reports](#)

**Search Library Catalog for Maryland State Publications**

Maryland State Pubs

Submit

**Digital State Publications**

[Download Excel File with OCLC Numbers](#)

Microsoft Excel - mdonlinepubs.xls

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C4 = TITLE

	A	B	C	D
1	<b>Maryland Digital State Publications</b>			
2	<b>Harvested by the Maryland State Law Library</b>			
3				
4	<b>Current As Of</b>	<b>OCLC #</b>	<b>TITLE</b>	<b>AUTHOR</b>
5	5/11/2009	1789072	Annual activities report.	Maryland. Dept. of Natural Resources.
6	5/11/2009	2770438	Compilation of the changes in the public local laws. / State Department of Leg	Maryland. General Assembly. Dept. of Legislative Services. Office of Policy Analysis.
7	5/11/2009	2791518	Amicus curiarum.	Maryland. Administrative Office of the Courts.
8	5/11/2009	2979170	Annual report - Department of Human Resources.	Maryland. Dept. of Human Resources.
9	5/11/2009	4262041	Annual report - Maryland Commission on Aging.	Maryland. Commission on Aging.
10	5/11/2009	4519547	Annual report / Maryland Department of General Services.	Maryland. Dept. of General Services.
11	5/11/2009	5250416	Summary report, individual income tax returns filed.	Maryland. Income Tax Division.
12	5/11/2009	5653558	Annual report.	Maryland Racing Commission.
13	5/11/2009	5702989	Annual report of the Treasurer of the State of Maryland.	Maryland. Treasury Dept.
14	5/11/2009	6663055	Annual report - Patuxent Institution.	Patuxent Institution (Md.)
15	5/11/2009	7890884	Report of the Maryland Board of Revenue Estimates on estimated Maryland re	Maryland. Board of Revenue Estimates.
16	5/11/2009	8463252	Maryland Arts Council report / The Council.	Maryland State Arts Council.
17	5/11/2009	9372551	Procedure in justice cases : including forms / by Armstrong Thomas	Thomas, Armstrong.
18	5/11/2009	9449359	Comprehensive annual financial report for the year ended ... / prepared by the	Maryland. Comptroller's Office.
19	5/11/2009	9746477	Facts about Maryland's school library media programs / Maryland State Department of Education, Division of Library Development and Service, School Library Media Se	
20	5/11/2009	9927430	Annual report / Maryland Department of Agriculture.	Maryland. Dept. of Agriculture.
21	5/11/2009	10032879	Annual report / State Ethics Commission.	Maryland. State Ethics Commission.
22	5/11/2009	10084414	Report of the Capital Debt Affordability Committee on Recommended Debt Au	Maryland. Capital Debt Affordability Committee on Recommended Debt Authorizations.
23	5/11/2009	29580427	Maryland vital statistics; "Maryland vital statistics annual report."	
24	5/11/2009	10344513	Chesapeake Bay Foundation ... annual report / the Chesapeake Bay Foundat	Chesapeake Bay Foundation.
25	5/11/2009	6599829	Annual report / Maryland Institute for Emergency Medical Services Systems.	Maryland Institute for Emergency Medical Services Systems.
26	5/11/2009	10809784	Nonpublic school enrollment : state of Maryland.	Maryland. State Dept. of Education. Office of Management Information Systems.
27	5/11/2009	11181379	Report of the Commission on State Debt / William S. James, Chairman.	Maryland. Commission on State Debt.
28	5/11/2009	11275949	Report of the Governor's Salary Commission.	
29	5/11/2009	11385598	Annual report / Maryland Commission on Human Relations.	Maryland. Commission on Human Relations.
30	5/11/2009	11445761	Maryland Commission for Women annual report / The Commission.	Maryland Commission for Women.
31	5/11/2009	12762796	Annual report of the Maryland Board of Pharmacy.	Maryland Board of Pharmacy.
32	5/11/2009	13151342	Annual report / Emergency Number Systems Board.	Maryland. Emergency Number Systems Board.
33	5/11/2009	12629460	Enrollment by place of residence in Maryland institutions of higher education	
34	5/11/2009	13648384	The justices' practice under the laws of Maryland, including the duties of a co	Latrobe, John H. B. (John Hazlehurst Boneval), 1803-1891.
35	5/11/2009	13725945	Report on county-municipal tax differentials pursuant to JR 31 of 1978.	
36	5/11/2009	14938155	Effect of long-term debt on the financial condition of the state.	Maryland. General Assembly. Dept. of Fiscal Services.
37	5/11/2009	14972140	Effect of the ... legislative program on the financial condition of the State / De	Maryland. General Assembly. Dept. of Fiscal Services.



# Thank you!

- ☀ Any questions?

- ☀ Contact information

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